



BLM AFMSS **Electronic Commerce Update**

AFMSS Program Office – Business Process Proponents

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Presentation Outline

- ***Background: BLM's EC Permitting***
 - ◇ ***Overview of AFMSS and WIS Platform***
 - ◇ ***Perspective on EC Transaction Activity***
- ***Where is BLM Headed?***
- ***BLM's ePermit Project Participation***



Overview of AFMSS Internal Platform

□ Lease Operations

- ✓ **Notices of Staking**
- ✓ **Drilling Permits (APDs)**
- ✓ **Well Compltn Reports**
- ✓ **Well Sundry Notices**

□ External Interfaces

- ✓ **MMS OGOR**
- ✓ **MIS (Accomplishments)**
- **LR2000 (Leases/Agmts)**
- **Bond & Surety System**
- **State Commission DBs**

□ Inspect. & Enforcemt.

- ✓ **Drilling & Abd Inspects.**
- ✓ **Production Inspections**
- ✓ **Environmental Insp.**
- ✓ **Undesirable Events**
- ✓ **Enforcement Actions**

□ Report Generation

- ✓ **Well Action Tracking**
- ✓ **Inspection Strategy**
- ✓ **National Roll-up Stats**



Overview of AFMSS Platform (Cont'd)

- ❑ ***Seven Year Old System Delivered in 1997***
- ❑ ***Informix RDBMS w/ 160+ Database Tables***
- ❑ ***Panther/Prolifics Thick Client Converted to Web-based Citrix Server Thin Client***
- ❑ ***Used Daily by Over 1000 Field Users in:***
 - ✓ ***31 BLM State and Field Offices within***
 - ✓ ***AK, CA, CO, ES, MT, NM, NV, UT and WY***



Overview of WIS External Platform

- ❑ ***EC Web Forms for***
 - ✓ ***Notices of Staking***
 - ✓ ***Single Well APDs***
 - ✓ ***Well Compltn Report***
 - ✓ ***Well Sundry Notices***

- ❑ ***WIS Website Supports***
 - ✓ ***Permit Attachments***
 - ✓ ***Very Simple Validation***
 - ✓ ***Routing to 31 FO DBs***
 - ✓ ***FO Receipt - Functional Acknowledgement***

- ❑ ***User Functions Include***
 - ✓ ***View Recently Filed Permits/Reports***
 - ✓ ***Check Approval Status***
 - ✓ ***View/Edit Draft Permits***
 - ✓ ***Change User Profiles***

- ❑ ***Upon Permit Approval***
 - ✓ ***Forwards Adobe PDF of Approved Permit/Report to Applicant via Email***
 - ✓ ***Allows User to View Earlier Permits/Reports and PDF File Approvals***



- ❑ *Four Year Old System Delivered in 2000*
- ❑ *Informix RDBMS w/ Java App Front End*
- ❑ *Simple Examples of the WIS Look & Feel*

[illegible]



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EC Transaction Activity by Year

Fiscal Year	2000	2001	2002	2003	2004 YTD	Total
Total Pmts/Rpts Received	28,436	40,483	35,151	42,374	14,875	161,319
Total EC Pmts/Rpts Received	261	4,858	5,593	9,347	3,570	23,629
Percent EC Submissions	<1%	12%	16%	22%	24%	<u>15%</u>
New EC Operators	52	137	97	229	22	537



EC Transaction Activity by BLM State

State (2000-2004)	AK	CA	CO	ES	MT	NM	NV	UT	WY
Total Pmts/Rpts Received	676	8,475	28,684	3,182	14,280	44,667	61	12,902	48,392
Total EC Pmts/Rpts Received	0	339	3,548	30	714	9,380	0	3,741	5,807
Percent EC Submissions	0%	4%	12%	1%	5%	21%	0%	29%	12%
EC Operators (By Geography)	1	27	105	19	12-MT 4-ND 5-ALB	81-NM 53-OK 139-TX	4	31	57



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Where is BLM Headed?

- ❑ ***By 2007, Increase EC Submissions to 60% of All Permits/Reports Submitted***
- ❑ ***Fully Automate BLM's Internal Processing of Well Permits & Reports – Currently Manual***
 - ✓ ***Includes Field Inspection Computing Support***
- ❑ ***Align AFMSS/WIS with BLM Enterprise Architecture***
 - ✓ ***Coordinate ePermit XML Support w/i DOI with Offshore***
- ❑ ***Provide EC Capabilities for New Processes***
 - ✓ ***Project-level Permit Submissions (CBNG PODs)***
 - ✓ ***Master APD/Standard Operating Procedure Pmts***
 - ✓ ***Improved Permit Status Tracking (Where in the BLM Pipeline is My Permit?)***



Where is BLM Headed (Cont'd)?

- ❑ **Support XML-based Batch Submissions**
- ❑ **Support “Submit Permit Once” Concept**
 - ✓ **Collaborate with State O&G Commissions**
 - ✓ **Via USDOE “Access to Public Lands” Program**
- ❑ **Support XML-based Data Calls to/from State to Support BLM Workflows (e.g., Get Well Spacing Information During APD Process)**
- ❑ **Support GIS Data Sharing w/ States via Geography Network Spatial Serving**



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ePermit Business Case Participation

- ✓ ***Project 0: BC Governance – Process Vision***
- ✓ ***Project 1: Develop ePermit XML Schema***
- ✓ ***Project 2: Develop XML Parser***
- ✓ ***Project 3: Agency Web-forms, Pilot Testing***
- ☐ ***Project 4: Industry Client SW, Pilot Testing***
- ✓ ***Project 5: Industry XML-Batch Submissions***



ePermit Business Case Participation

- ✓ **ePermit Support is within the AFMSS OMB-300 Capital Asset Plan**
 - ✓ **Directly Supports BLM's eGovernment Activity**
 - ✓ **Critical to Meeting National Energy Policy Rqmts**
 - ✓ **President's Mgmt Agenda: GPRA, One Stop, etc.**
 - ✓ **Directly Supports BLM Process Re-engineering working with Directly State Govt. & Industry**
- ✓ **WO-310 is Fully Supportive of Collaboration**
 - **Very Interested in Pursuing USDOE Funding**
- ✓ **Leverages ANSI TS-625 (Well Information) DOI Investment – WIS was based on TS-625**



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Questions?

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